

## CLAIMS

1 1. A system for printing multimedia data, the system comprising:  
2 a network including a printing system and a network device;  
3 a network interface for receiving multimedia data from the network device;  
4 a media processing system coupled to the network interface to receive the  
5 multimedia data, the media processing system determining a printed  
6 representation of the multimedia data and an electronic representation of  
7 the time-based multimedia data, wherein the media processing system  
8 resides at least in part on the printing system and at least in part on the  
9 network device;  
10 a printed output system in communication with the multimedia processing  
11 system to receive the printed representation, the printed output system  
12 producing a corresponding printed output from the printed  
13 representation of the multimedia data; and  
14 an electronic output system in communication with the multimedia  
15 processing system to receive the electronic representation, the electronic  
16 output system producing a corresponding electronic output from the  
17 electronic representation of the multimedia data.

1 2. The system of claim 1, wherein the network device is a personal computer.

1 3. The system of claim 1, wherein the network is a local area network.

1           4. The system of claim 1, further comprising:  
2           a remote external service system coupled to the network, the external service  
3           system in communication with the media processing system for  
4           performing at least some processing steps for multimedia data.

1           5.     The system of claim 3, wherein the external service system is coupled  
2     to the network by the Internet.

1           6.     The system of claim 1, wherein the interface comprises a removable  
2     media storage reader.

1           7.     The system of claim 1, wherein the interface comprises a media input  
2     device selected from a group consisting of: a DVD reader, a video cassette tape  
3     reader, a CD reader, an audio cassette tape reader, and a flash card reader.

1           8.     The system of claim 1, wherein the external source is a media  
2     broadcaster, and wherein the interface comprises a media broadcast receiver that can  
3     be tuned to a media broadcast.

1           9.     The system of claim 1, wherein the interface comprises an embedded  
2     receiver selected from a group consisting of: an embedded TV receiver, an  
3     embedded radio receiver, an embedded short-wave radio receiver, an embedded  
4     satellite radio receiver, an embedded two-way radio, and an embedded cellular  
5     phone.

1           10.    The system of claim 1, wherein the network device is a device selected  
2     from a group consisting of: an embedded heat sensor, an embedded humidity

3 sensor, an embedded National Weather Service radio alert receiver, and an  
4 embedded TV Emergency Broadcast System (EBS) alert monitor.

1 11. The system of claim 1, wherein the network device comprises screen  
2 capture hardware.

1 12. The system of claim 1, wherein the network device comprises an  
2 ultrasonic pen capture device:

1 13. The system of claim 1, wherein the network device comprises a video  
2 recorder, wherein the external source of media is a series of images captured by the  
3 video recorder, converted into an electrical format, and then provided to the media  
4 processing system.

1 14. The system of claim 1, wherein the network device comprises an  
2 audio recorder, wherein the external source of media is a series of sounds that are  
3 converted into an electrical format by the audio recorder and then provided to the  
4 media processing system.

1 15. The system of claim 1, wherein the electronic output system is  
2 configured to write the electronic representation to a removable media storage  
3 device.

1 16. The system of claim 15, wherein the removable storage device is  
2 selected from a group consisting of: a DVD, a video cassette tape, a CD, an audio  
3 cassette tape, a flash card, a computer disk, an SD disk, and a computer-readable  
4 medium.

1           17.     The system of claim 1, wherein the electronic output system  
2 comprises a handling mechanism to accommodate a plurality of removable storage  
3 devices.

1           18.     The system of claim 17, wherein the handling mechanism is selected  
2 from a group consisting of: a feeder, a bandolier, and a tray.

1           19.     The system of claim 1, wherein the electronic output system  
2 comprises a media writer selected from a group consisting of: a disposable media  
3 writer and a self-destructing media writer.

1           20.     The system of claim 1, wherein the electronic output system is  
2 coupled to a speaker system and sends an audio signal to the speaker system.

1           21.     The system of claim 20, wherein the electronic output system  
2 comprises an embedded sound player for generating the audio signal.

1           22.     The system of claim 1, wherein the electronic output system  
2 comprises a web page display.

1           23.     The system of claim 1, wherein the media processing system  
2 comprises a multimedia server.

1           24.     The system of claim 1, wherein the media processing system  
2 comprises an audio encryption module.

1           25.     The system of claim 1, wherein the media processing system  
2 comprises a video encryption module.

1           26.     The system of claim 1, wherein the media processing system  
2 comprises an audio sound localization module.

1           27.     The system of claim 1, wherein the media processing system  
2 comprises a video motion detection module.

1           28.     The system of claim 1, wherein the network device includes a user  
2 interface that provides information to a user about at least one of the printed  
3 representation and the electronic representation of the multimedia data, the user  
4 interface further accepting input from a user to cause the media processing system to  
5 modify at least one of the printed representation and the electronic representation of  
6 the multimedia data.

1           29.     The system of claim 1, wherein the media processing system  
2 determines at least one of the printed representation and the electronic  
3 representation with assistance from a networked computing device.

1           30. A method for printing multimedia data, the method comprising:  
2 receiving multimedia data from a network device via a network;  
3 processing the multimedia data to determine a printed representation of the  
4 multimedia data and an electronic representation of the multimedia data,  
5 the processing performed at least in part within a printing system and in  
6 part within the network device;

7           producing a printed output that corresponds to the printed representation of  
8           the multimedia data; and  
9           producing an electronic output that corresponds to the electronic  
10          representation of the multimedia data.

1           31.     The method of claim 30, wherein the electronic output is stored on a  
2   media recorder.

1           32.     The method of claim 30, wherein the electronic output is stored on a  
2   removable storage device.

1           33.     The method of claim 32, wherein the removable storage device is a  
2   DVD.

1           34.     The method of claim 32 wherein the removable storage device is a CD-  
2   ROM.

1           35.     The method of claim 32 wherein the removable storage device is an audio  
2   cassette tape.

1           36.     The method of claim 32 wherein the removable storage device is a video  
2   tape.

1           37.     The method of claim 32 wherein the removable storage device is a flash  
2   card.

1           38.     The method of claim 32 wherein the removable storage device is a  
2   memory stick.

1           39. The method of claim 32 wherein the removable storage device is a  
2 computer disk.

1           40. The method of claim 30, wherein the network device includes a cellular  
2 telephone.

1           41. The method of claim 30, wherein the network device includes a video  
2 camcorder.

1           42. The method of claim 30, wherein the network device comprises a digital  
2 audio recorder.

1           43. The method of claim 30, wherein the network device includes a DVD  
2 reader.

1           44. The method of claim 30, wherein the network device includes a video  
2 cassette tape reader.

1           45. The method of claim 30, wherein the network device includes a CD  
2 reader.

1           46. The method of claim 30, wherein the network device includes an audio  
2 cassette tape reader.

1           47. The method of claim 30, wherein the network device includes a flash card  
2 reader.

1           48. The method of claim 30, wherein the network device includes a digital  
2   video recorder.

1           49. The method of claim 30, wherein the network device includes a video  
2   capture device.

1           50. The method of claim 30, wherein the network device includes a meeting  
2   recorder.